Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
Data File : PQ063209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2023 13:24
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 15:47:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	2.783	263.3E6	202.4E6	49.008	49.075	
2)	SA Decachlor...	8.688	7.589	213.3E6	253.2E6	55.086	58.544	
	Target Compounds							
3)	L1 AR-1016-1	4.565	3.793	3024495	2602441	15.544	16.330	
4)	L1 AR-1016-2	4.586	3.809	3840561	2164909	13.841	10.132	#
5)	L1 AR-1016-3	4.645	3.972	1609241	1506471	9.411	12.600	#
6)	L1 AR-1016-4	4.736	4.020	1639312	53103878	11.649	547.314	#
7)	L1 AR-1016-5	5.027	4.217	37423766	33893301	271.988	269.337	
8)	L2 AR-1221-1	3.662	2.990	551754	74965	8.109	1.366	#
9)	L2 AR-1221-2	3.735	3.053	4161413	3025556	87.221	80.213	
10)	L2 AR-1221-3	3.807	3.133	828170	777694	5.366	6.463	
11)	L3 AR-1232-1	3.807	3.133	828170	777694	6.410	7.982	
12)	L3 AR-1232-2	4.306	3.809	1589358	2164909	22.788	22.256	
13)	L3 AR-1232-3	4.586	3.972	3840561	1506471	31.431	28.372	
14)	L3 AR-1232-4	4.736	4.056	1639312	16553428	27.168	360.655	#
15)	L3 AR-1232-5	4.834	4.217	61123145	33893301	1400.414	625.076	#
16)	L4 AR-1242-1	4.565	3.793	3024495	2602441	17.920	18.020	
17)	L4 AR-1242-2	4.586	3.809	3840561	2164909	15.925	11.396	#
18)	L4 AR-1242-3	4.645	3.972	1609241	1506471	10.986	13.958	#
19)	L4 AR-1242-4	4.736	4.056	1639312	16553428	13.248	166.151	#
20)	L4 AR-1242-5	5.461	4.556	34139358	137.9E6	258.323	1019.567	#
21)	L5 AR-1248-1	4.565	3.793	3024495	2602441	22.715	23.297	
22)	L5 AR-1248-2	4.834	4.020	61123145	53103878	349.769	336.279	
23)	L5 AR-1248-3	5.027	4.056	37423766	16553428	176.967	108.547	#
24)	L5 AR-1248-4	5.423	4.217	56500275	33893301	237.136	178.234	
25)	L5 AR-1248-5	5.461	4.594	34139358	17855529	146.910	92.320	#
26)	L6 AR-1254-1	5.396	4.556	108.9E6	137.9E6	497.112	513.771	
27)	L6 AR-1254-2	5.614	4.704	170.0E6	121.8E6	501.968	518.876	
28)	L6 AR-1254-3	5.970	5.089	185.0E6	201.3E6	515.966	532.312	
29)	L6 AR-1254-4	6.256	5.316	146.1E6	132.7E6	539.111	543.320	
30)	L6 AR-1254-5	6.672	5.724	153.6E6	189.0E6	555.595	547.679	
31)	L7 AR-1260-1	6.137	5.220	79256015	98804581	310.033	395.887	#
32)	L7 AR-1260-2	6.397	5.409	83861037	85077281	276.302	276.247	
33)	L7 AR-1260-3	6.752	5.548	7014825	85477954	33.277	275.851	#
34)	L7 AR-1260-4	6.949	6.017	59562226	10711143	248.533	43.681	#
35)	L7 AR-1260-5	7.284	6.263	19841008	26884030	42.291	49.191	
36)	L8 AR-1262-1	6.752	5.818	7014825	5997991	21.721	42.007	#
37)	L8 AR-1262-2	7.284	6.017	19841008	10711143	36.561	34.276	
38)	L8 AR-1262-3	7.566	6.542	16569315	9325435	45.871	36.993	
39)	L8 AR-1262-4	7.641	6.599	564926	32900880	2.016	70.375	#
40)	L8 AR-1262-5	8.142	7.101	750357	1204109	3.992	5.480	#
41)	L9 AR-1268-1	7.566	6.542	16569315	9325435	25.621	12.496	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2023 13:24
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 15:47:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	7.641	6.599	564926	32900880	0.942	47.916	#
43) L9	AR-1268-3	7.819	6.809	1587629	3635156	3.225	6.194	#
44) L9	AR-1268-4	8.142	7.101	750357	1204109	3.498	4.729	#
45) L9	AR-1268-5	8.444	7.370	1661720	3046457	1.078	1.720	#

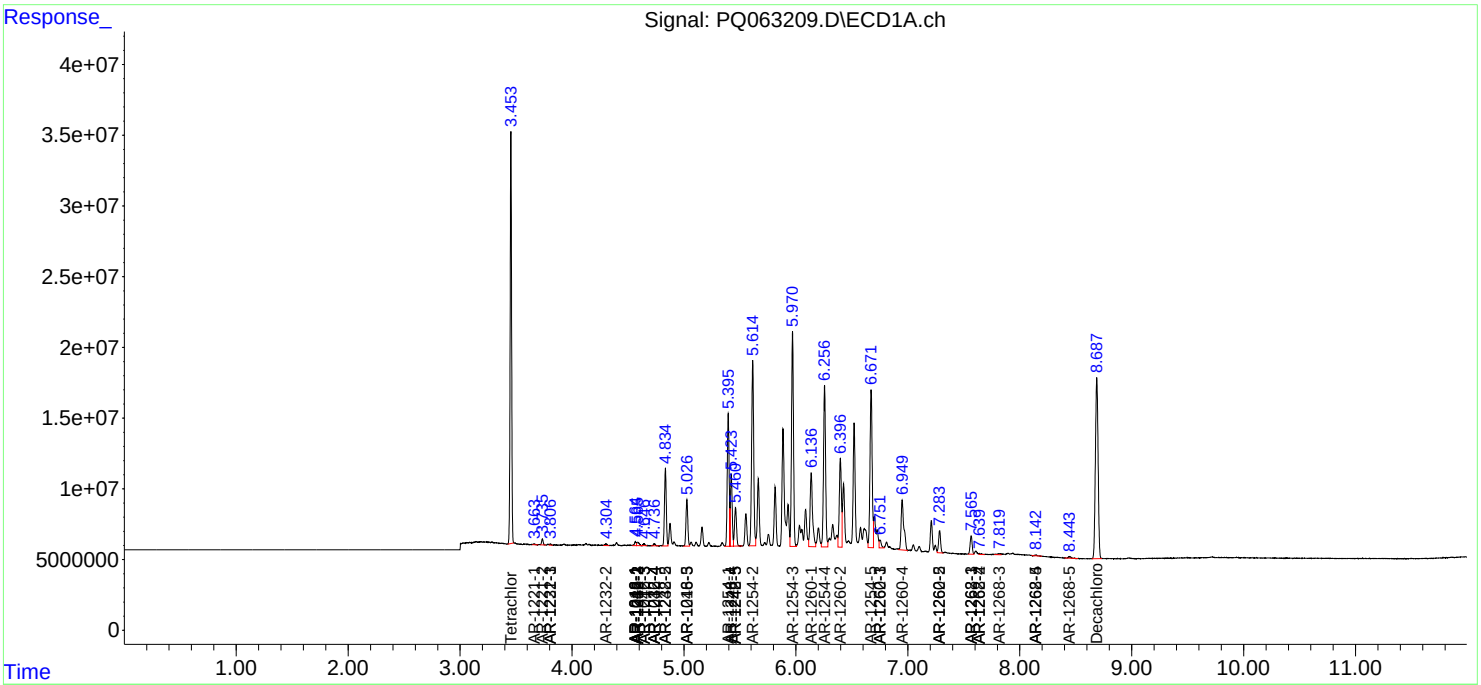
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

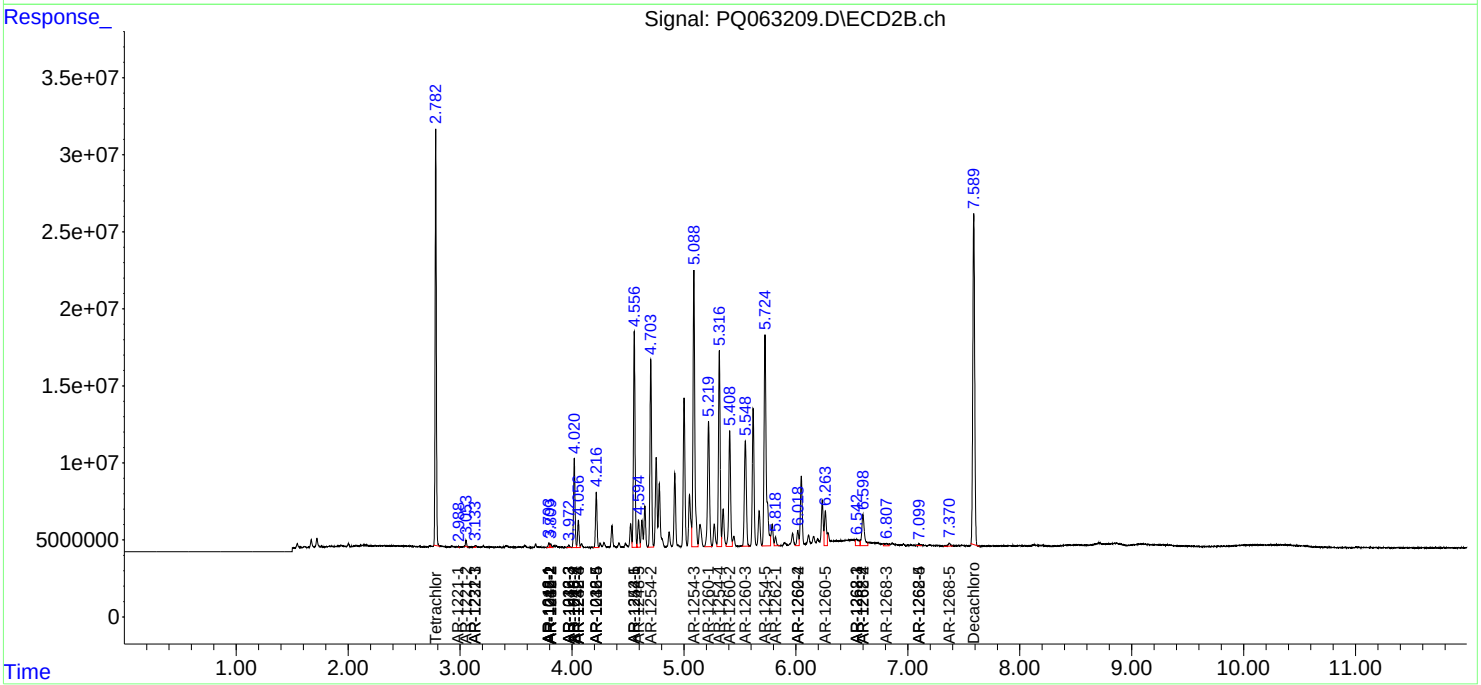
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082523\
Data File : PQ063209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Aug 2023 13:24
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

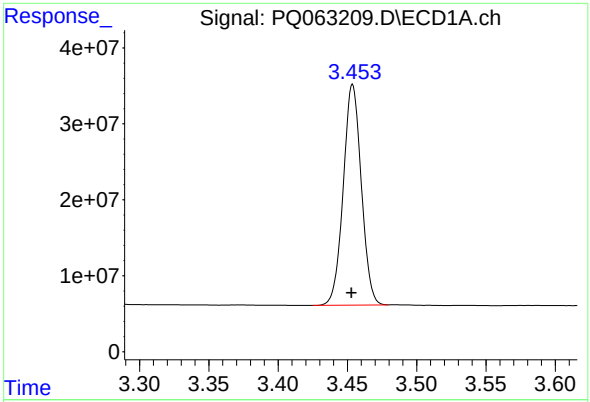
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 15:47:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 11 13:27:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



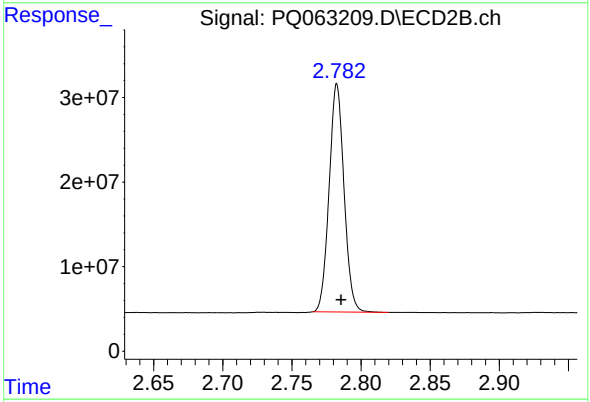




#1 Tetrachloro-m-xylene

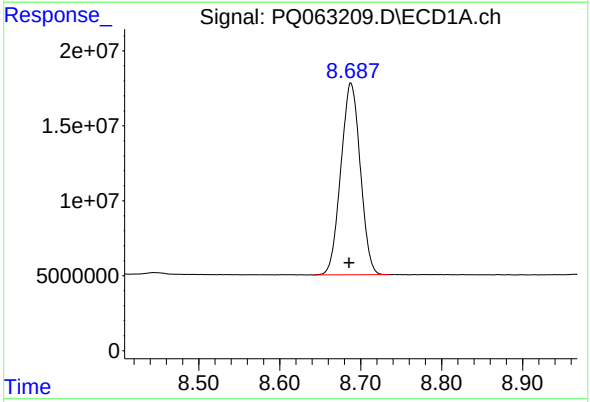
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 263342046
Conc: 49.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



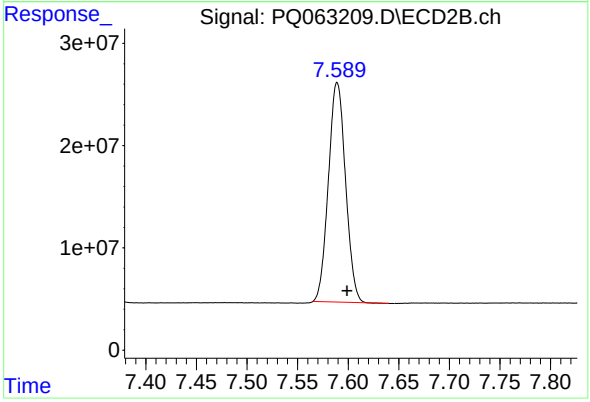
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 202399926
Conc: 49.08 ng/ml



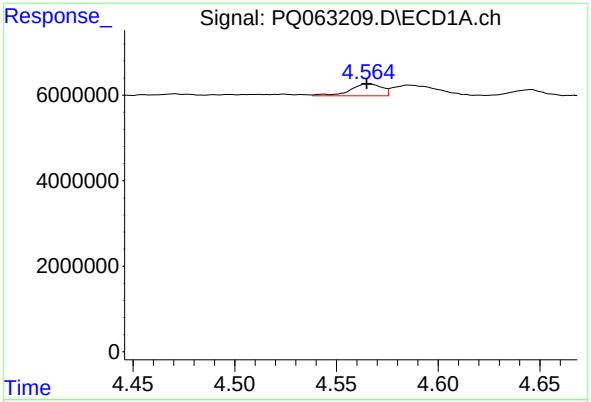
#2 Decachlorobiphenyl

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 213284501
Conc: 55.09 ng/ml



#2 Decachlorobiphenyl

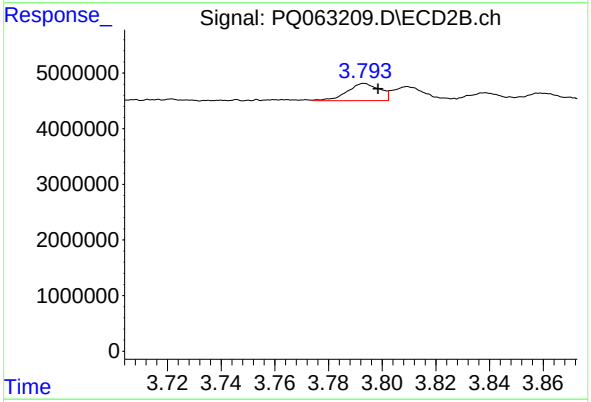
R.T.: 7.589 min
Delta R.T.: -0.010 min
Response: 253222841
Conc: 58.54 ng/ml



#3 AR-1016-1

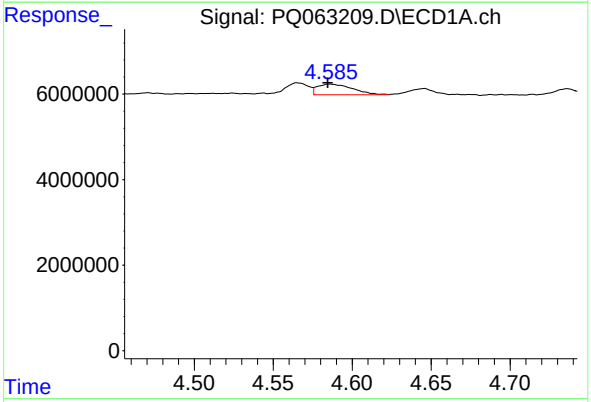
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3024495
Conc: 15.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



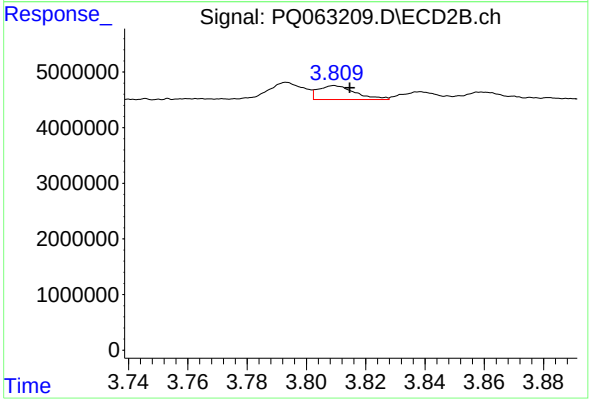
#3 AR-1016-1

R.T.: 3.793 min
Delta R.T.: -0.005 min
Response: 2602441
Conc: 16.33 ng/ml



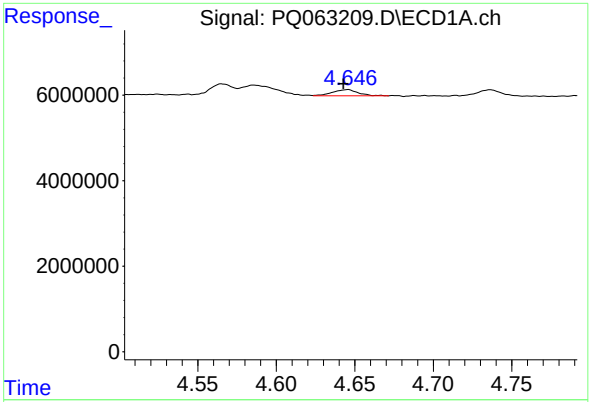
#4 AR-1016-2

R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 3840561
Conc: 13.84 ng/ml



#4 AR-1016-2

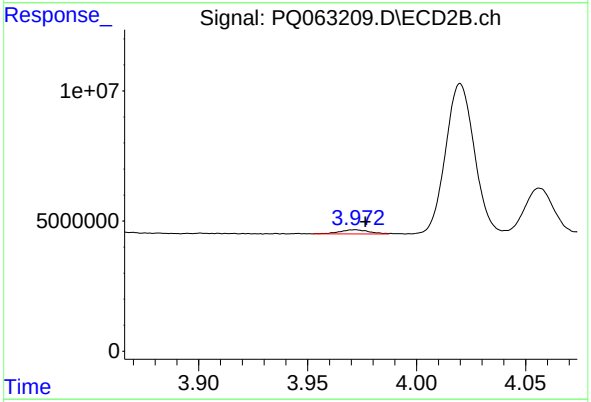
R.T.: 3.809 min
Delta R.T.: -0.005 min
Response: 2164909
Conc: 10.13 ng/ml



#5 AR-1016-3

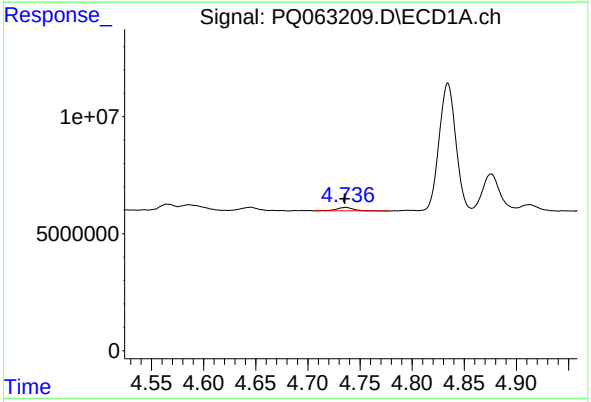
R.T.: 4.645 min
Delta R.T.: 0.003 min
Response: 1609241
Conc: 9.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



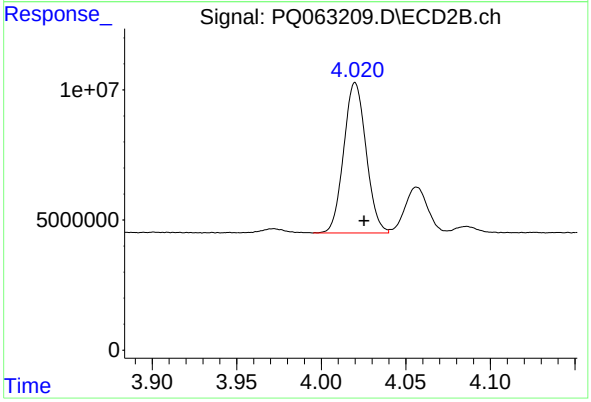
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 1506471
Conc: 12.60 ng/ml



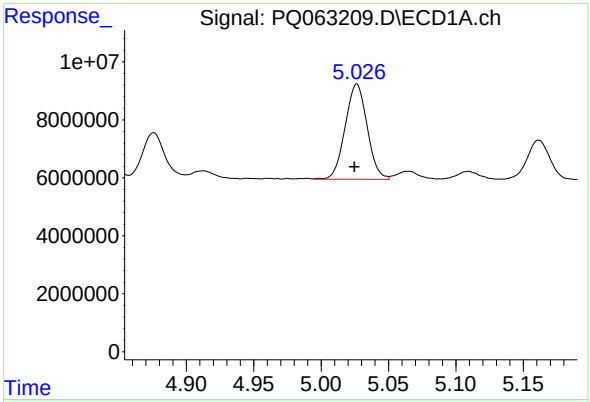
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.001 min
Response: 1639312
Conc: 11.65 ng/ml



#6 AR-1016-4

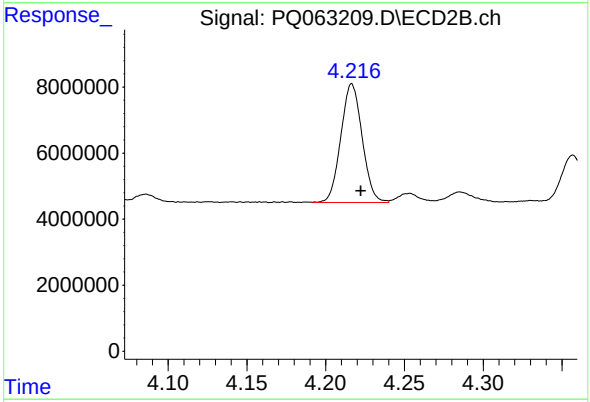
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 53103878
Conc: 547.31 ng/ml



#7 AR-1016-5

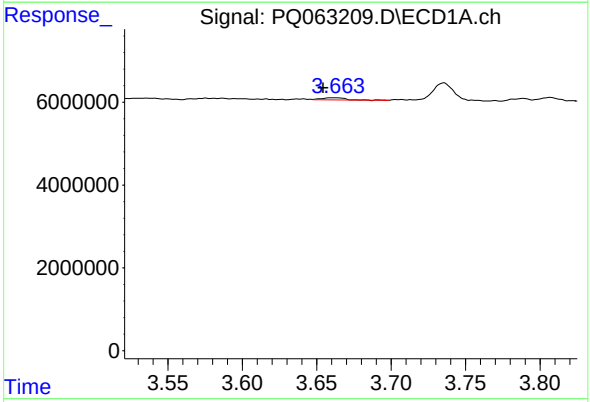
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 37423766
Conc: 271.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



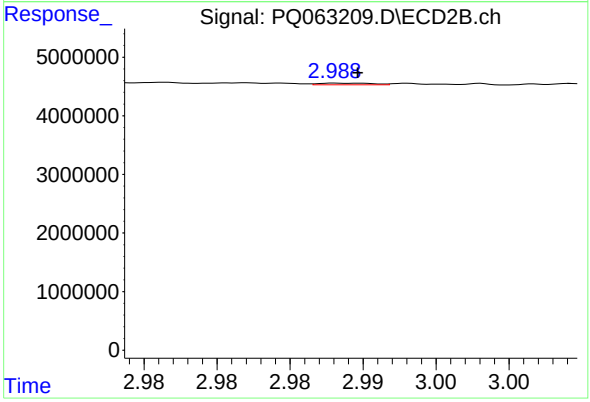
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.006 min
Response: 33893301
Conc: 269.34 ng/ml



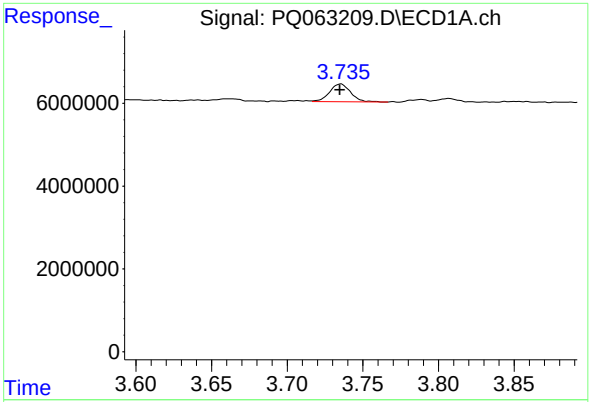
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.008 min
Response: 551754
Conc: 8.11 ng/ml



#8 AR-1221-1

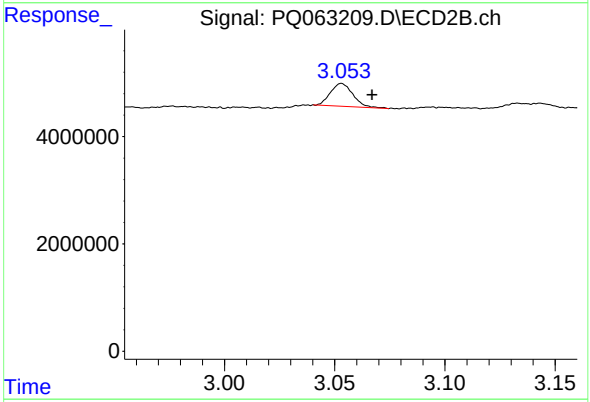
R.T.: 2.990 min
Delta R.T.: 0.000 min
Response: 74965
Conc: 1.37 ng/ml



#9 AR-1221-2

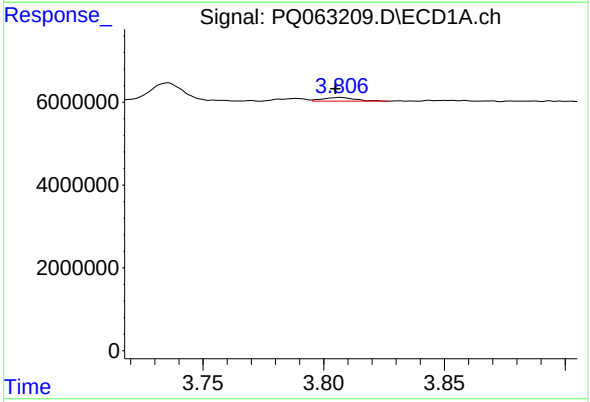
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 4161413
Conc: 87.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



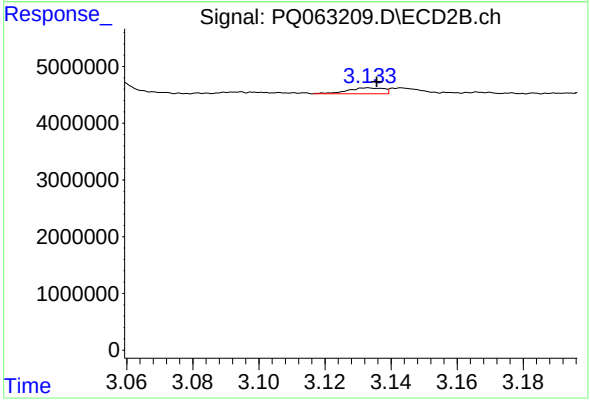
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: -0.014 min
Response: 3025556
Conc: 80.21 ng/ml



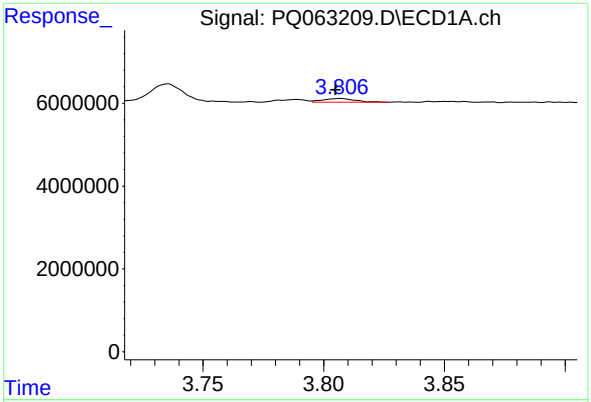
#10 AR-1221-3

R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 828170
Conc: 5.37 ng/ml



#10 AR-1221-3

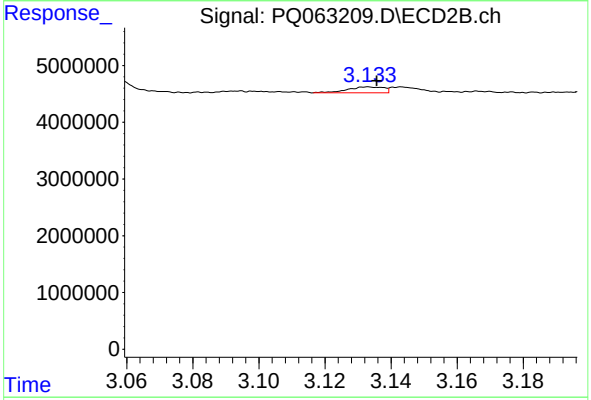
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 777694
Conc: 6.46 ng/ml



#11 AR-1232-1

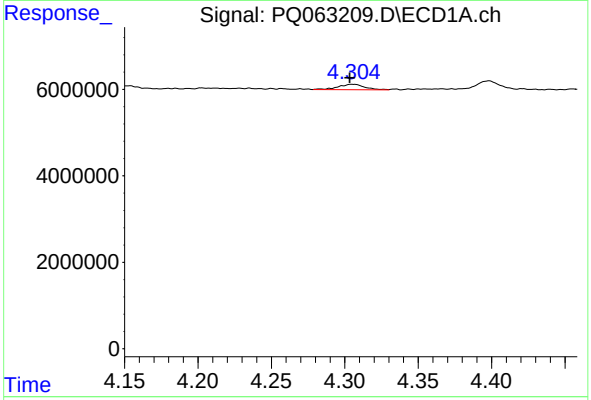
R.T.: 3.807 min
Delta R.T.: 0.002 min
Response: 828170
Conc: 6.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



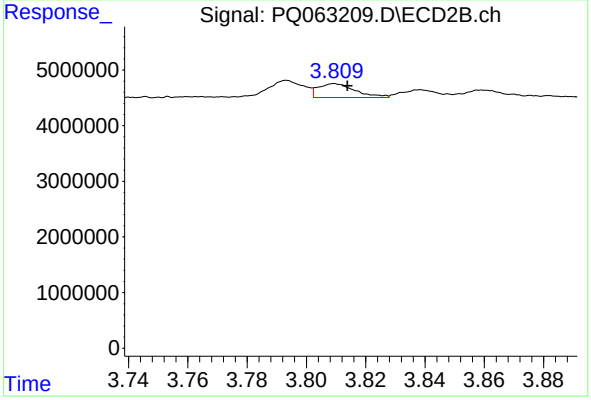
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 777694
Conc: 7.98 ng/ml



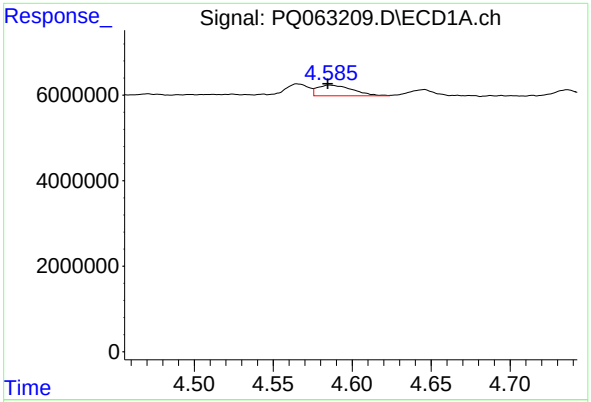
#12 AR-1232-2

R.T.: 4.306 min
Delta R.T.: 0.002 min
Response: 1589358
Conc: 22.79 ng/ml



#12 AR-1232-2

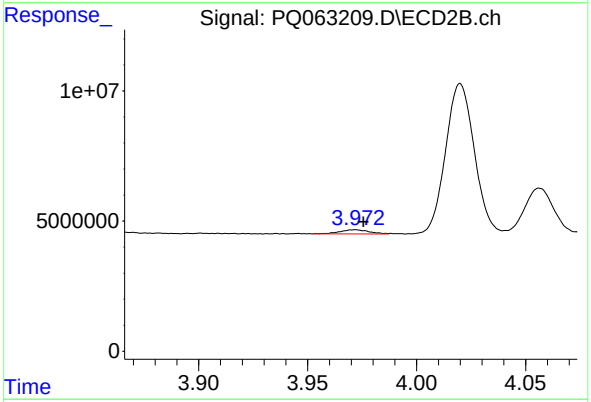
R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 2164909
Conc: 22.26 ng/ml



#13 AR-1232-3

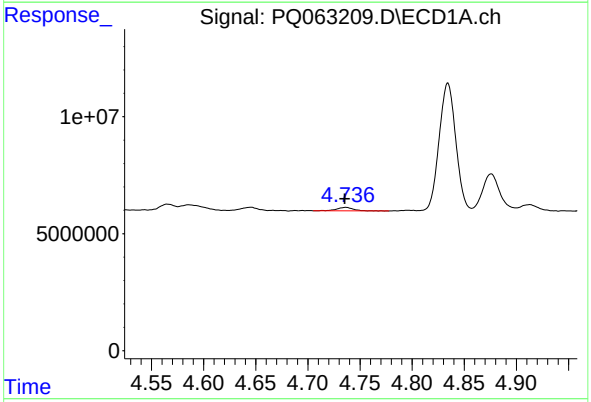
R.T.: 4.586 min
Delta R.T.: 0.001 min
Response: 3840561
Conc: 31.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



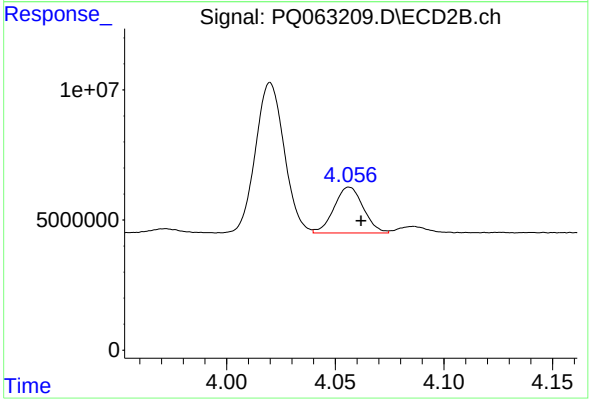
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 1506471
Conc: 28.37 ng/ml



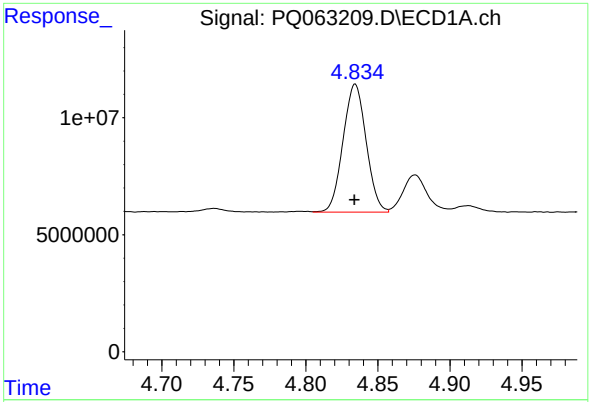
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 1639312
Conc: 27.17 ng/ml



#14 AR-1232-4

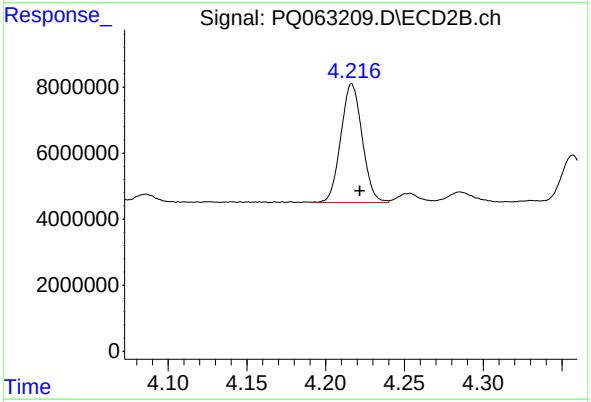
R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 16553428
Conc: 360.66 ng/ml



#15 AR-1232-5

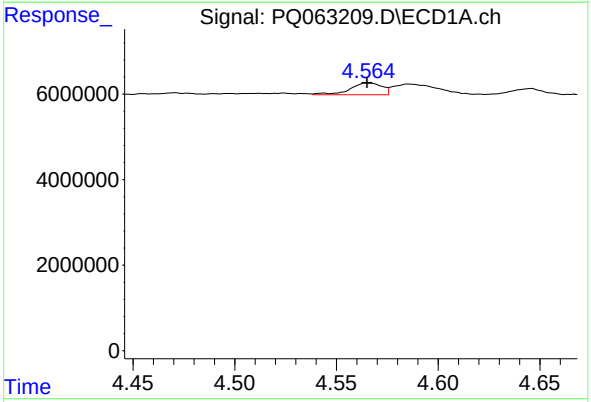
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 61123145
Conc: 1400.41 ng/m

Instrument :
ECD_Q
ClientSampleId :



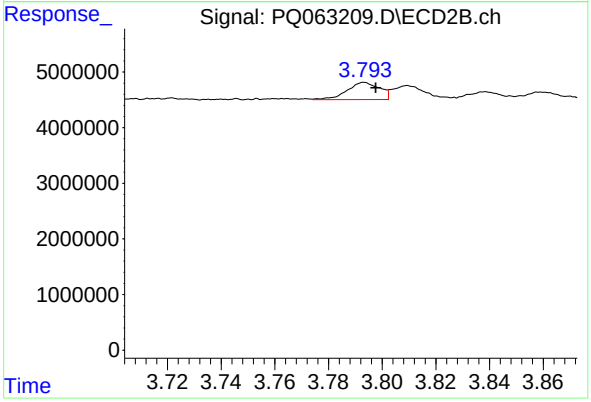
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 33893301
Conc: 625.08 ng/ml



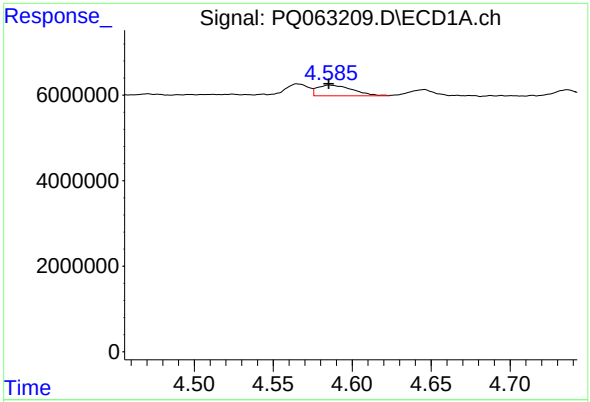
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3024495
Conc: 17.92 ng/ml



#16 AR-1242-1

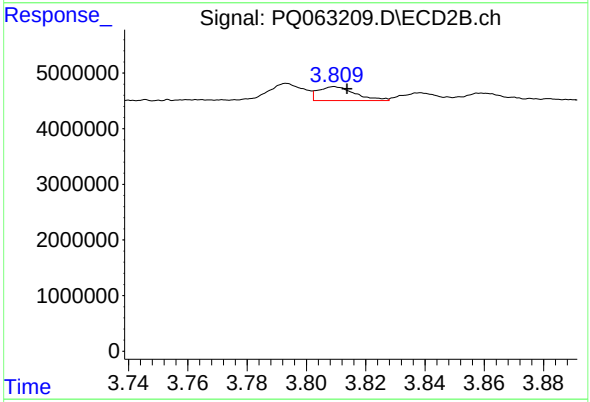
R.T.: 3.793 min
Delta R.T.: -0.004 min
Response: 2602441
Conc: 18.02 ng/ml



#17 AR-1242-2

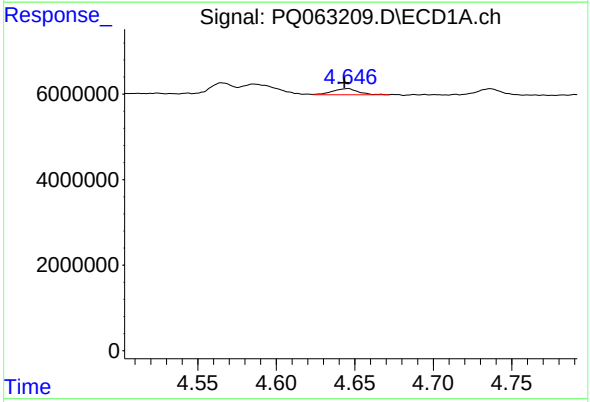
R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 3840561
Conc: 15.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



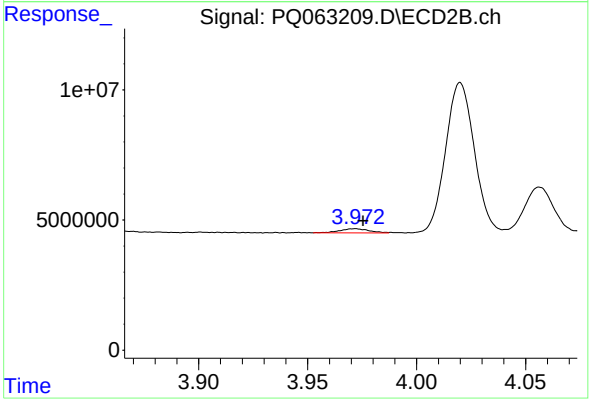
#17 AR-1242-2

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 2164909
Conc: 11.40 ng/ml



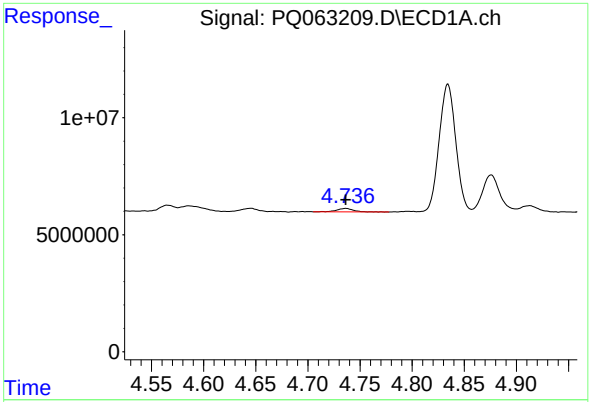
#18 AR-1242-3

R.T.: 4.645 min
Delta R.T.: 0.002 min
Response: 1609241
Conc: 10.99 ng/ml



#18 AR-1242-3

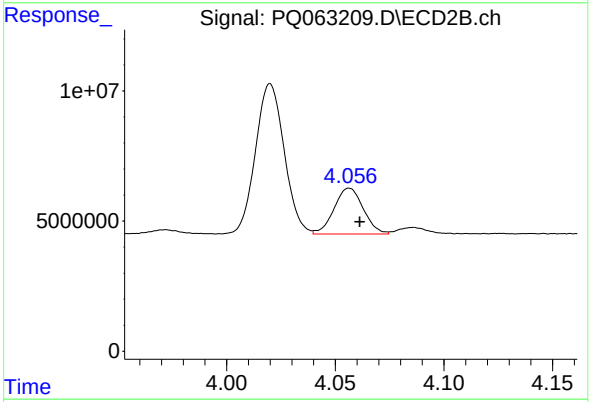
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 1506471
Conc: 13.96 ng/ml



#19 AR-1242-4

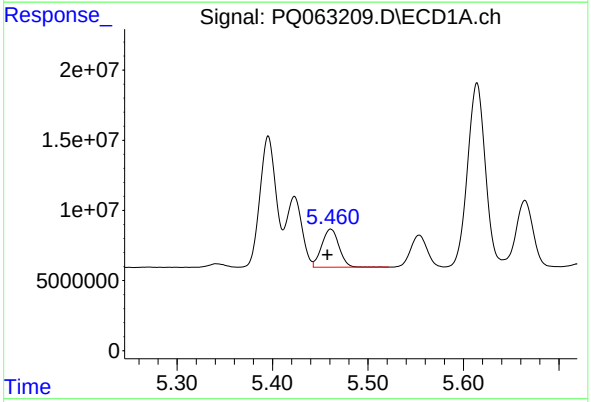
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 1639312
Conc: 13.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



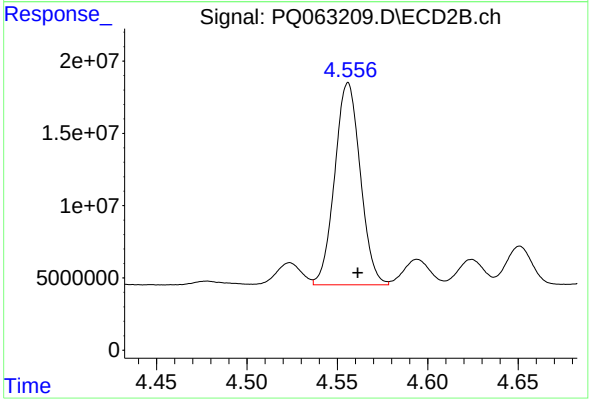
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 16553428
Conc: 166.15 ng/ml



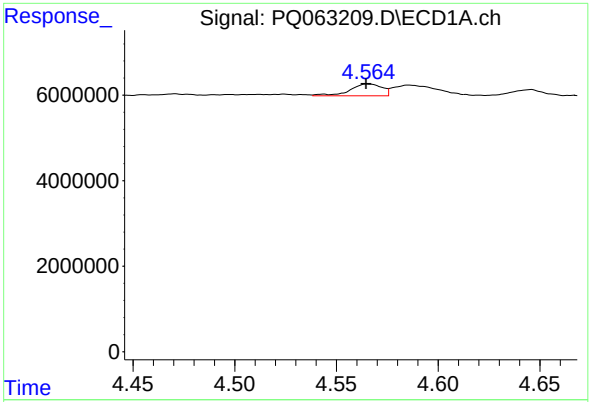
#20 AR-1242-5

R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 34139358
Conc: 258.32 ng/ml



#20 AR-1242-5

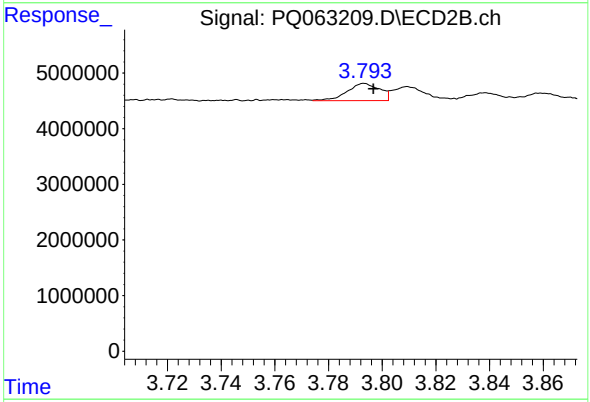
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 137850697
Conc: 1019.57 ng/ml



#21 AR-1248-1

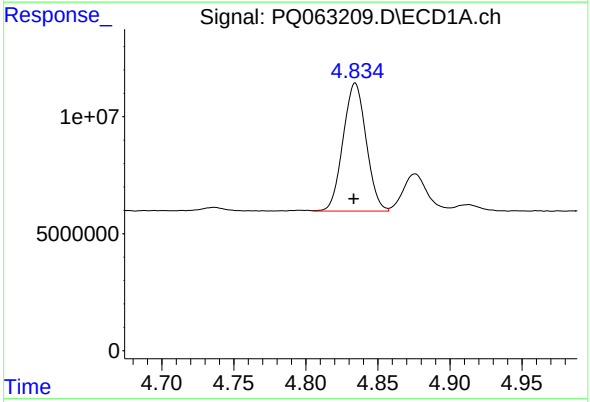
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3024495
Conc: 22.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



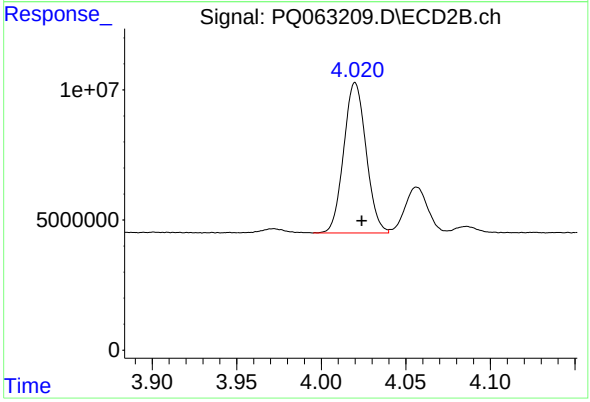
#21 AR-1248-1

R.T.: 3.793 min
Delta R.T.: -0.003 min
Response: 2602441
Conc: 23.30 ng/ml



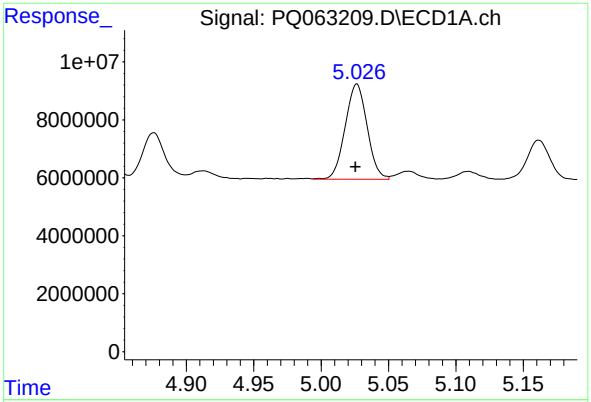
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.001 min
Response: 61123145
Conc: 349.77 ng/ml



#22 AR-1248-2

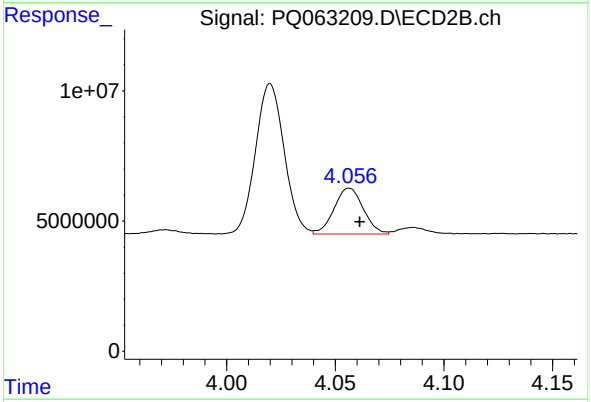
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 53103878
Conc: 336.28 ng/ml



#23 AR-1248-3

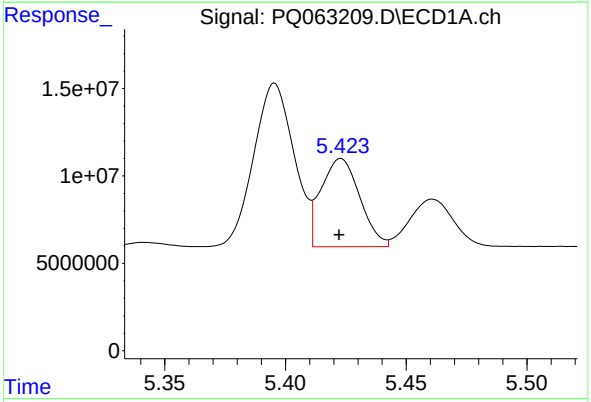
R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 37423766
Conc: 176.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



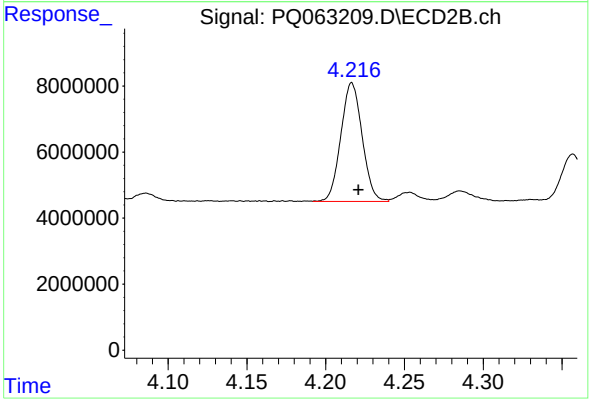
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 16553428
Conc: 108.55 ng/ml



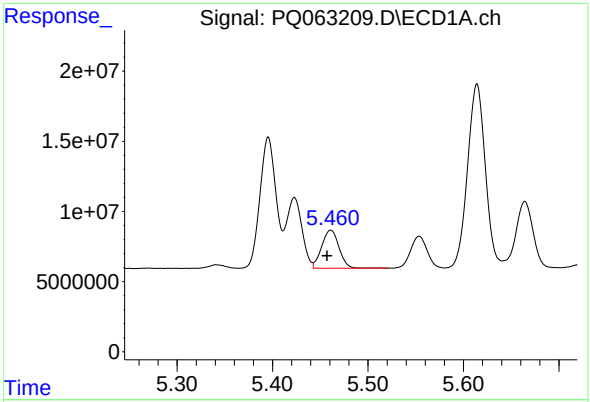
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 56500275
Conc: 237.14 ng/ml



#24 AR-1248-4

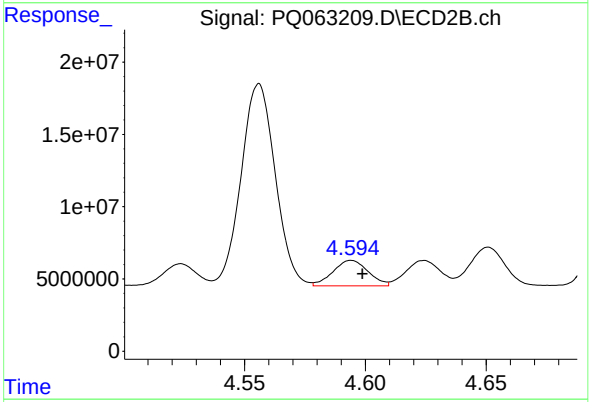
R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 33893301
Conc: 178.23 ng/ml



#25 AR-1248-5

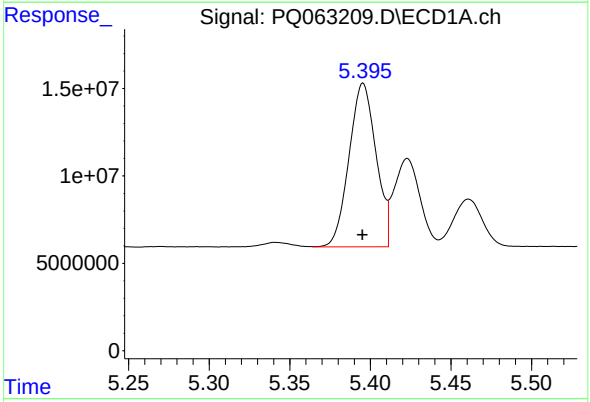
R.T.: 5.461 min
Delta R.T.: 0.004 min
Response: 34139358
Conc: 146.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



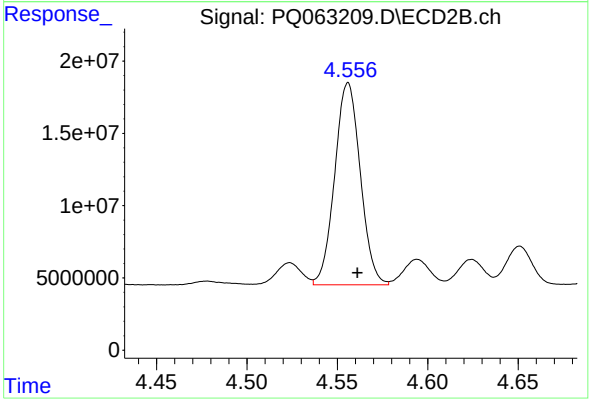
#25 AR-1248-5

R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 17855529
Conc: 92.32 ng/ml



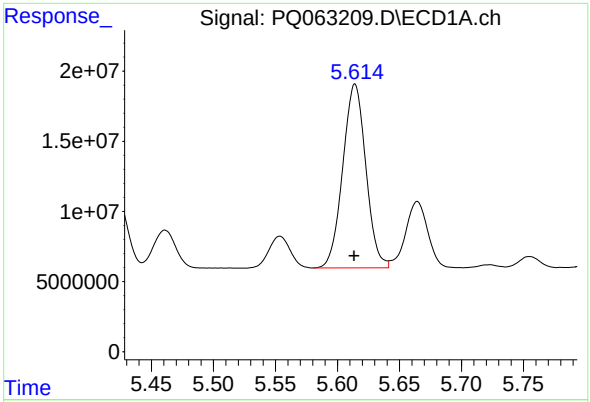
#26 AR-1254-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 108869956
Conc: 497.11 ng/ml



#26 AR-1254-1

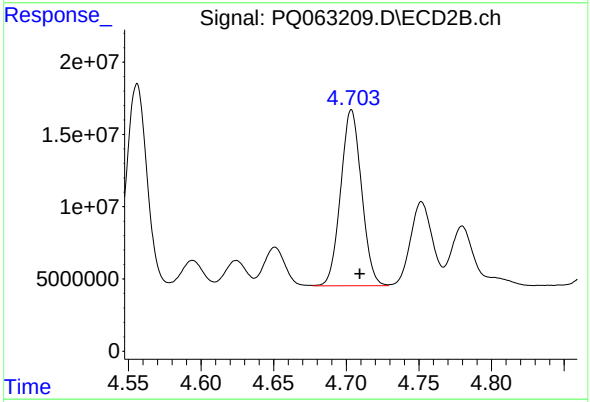
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 137850697
Conc: 513.77 ng/ml



#27 AR-1254-2

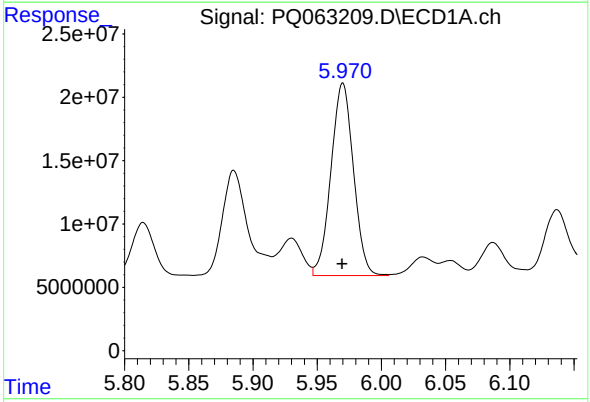
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 169989344
Conc: 501.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



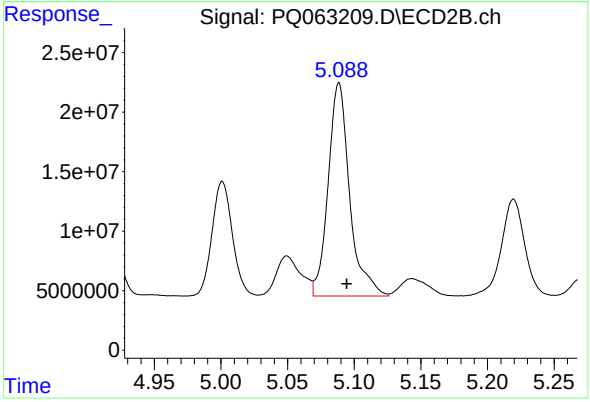
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 121787583
Conc: 518.88 ng/ml



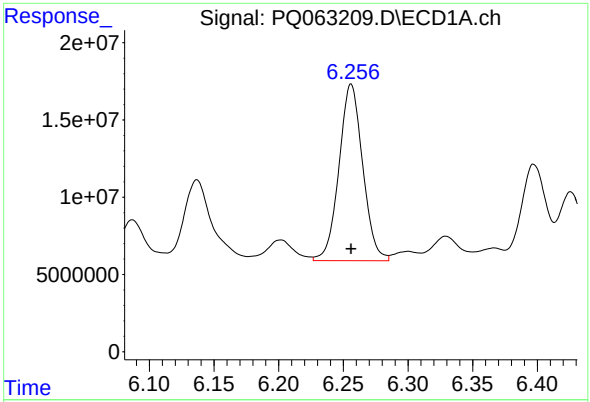
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 184982258
Conc: 515.97 ng/ml



#28 AR-1254-3

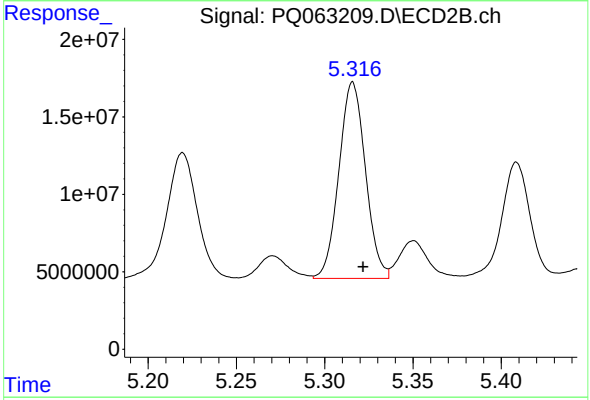
R.T.: 5.089 min
Delta R.T.: -0.006 min
Response: 201304315
Conc: 532.31 ng/ml



#29 AR-1254-4

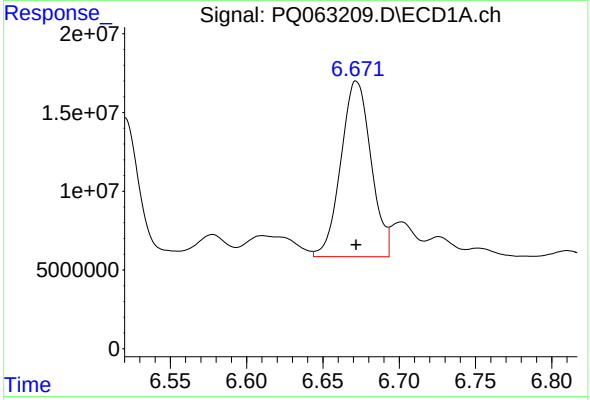
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 146066647
Conc: 539.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



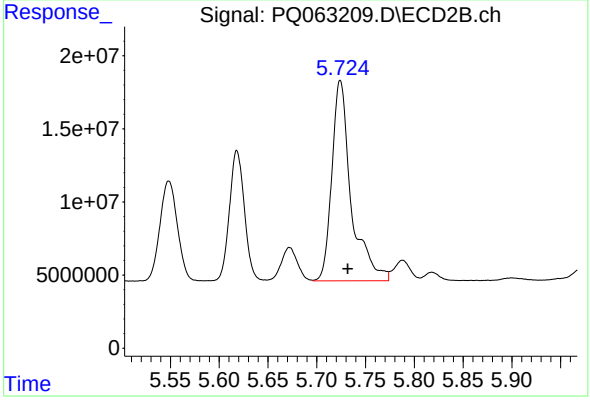
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 132734077
Conc: 543.32 ng/ml



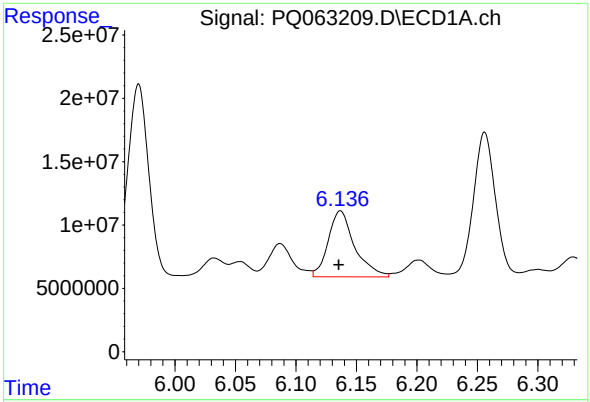
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 153584184
Conc: 555.60 ng/ml



#30 AR-1254-5

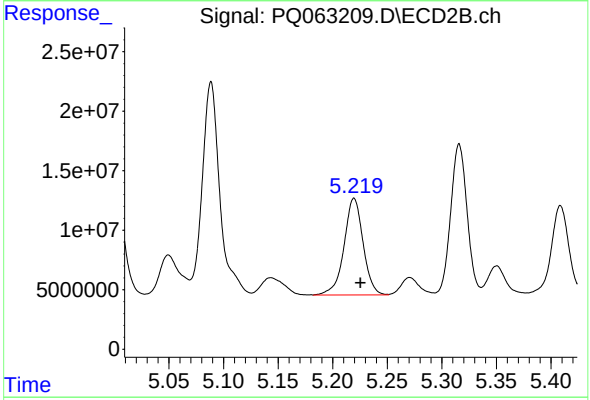
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 189023030
Conc: 547.68 ng/ml



#31 AR-1260-1

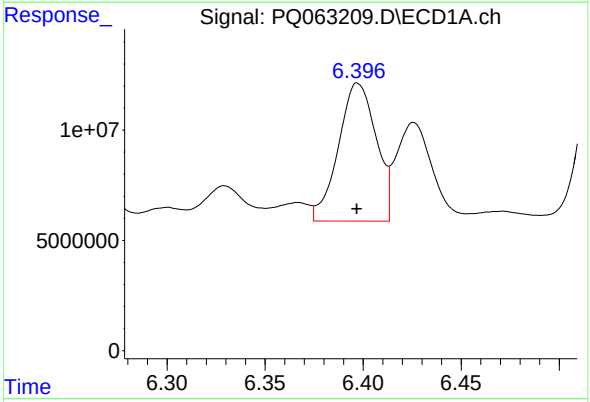
R.T.: 6.137 min
Delta R.T.: 0.001 min
Response: 79256015
Conc: 310.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



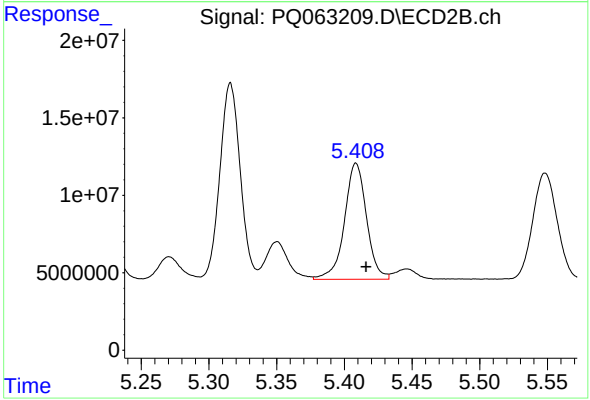
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 98804581
Conc: 395.89 ng/ml



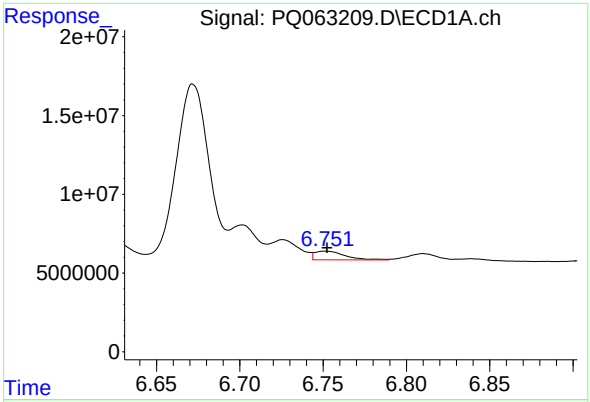
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 83861037
Conc: 276.30 ng/ml



#32 AR-1260-2

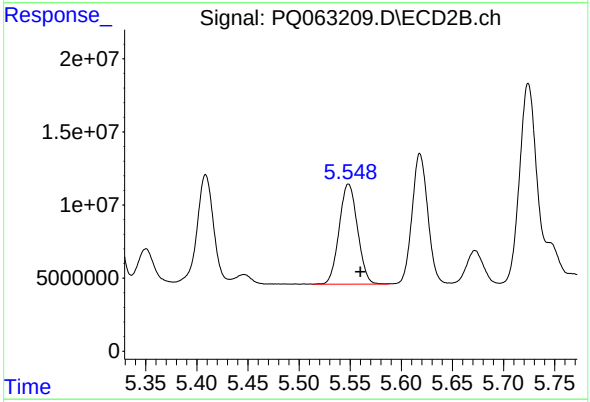
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 85077281
Conc: 276.25 ng/ml



#33 AR-1260-3

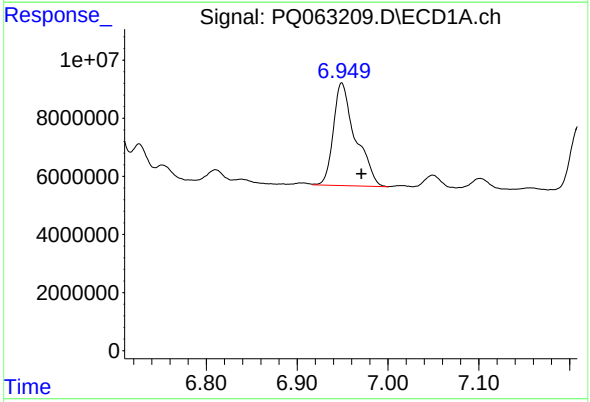
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 7014825
Conc: 33.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



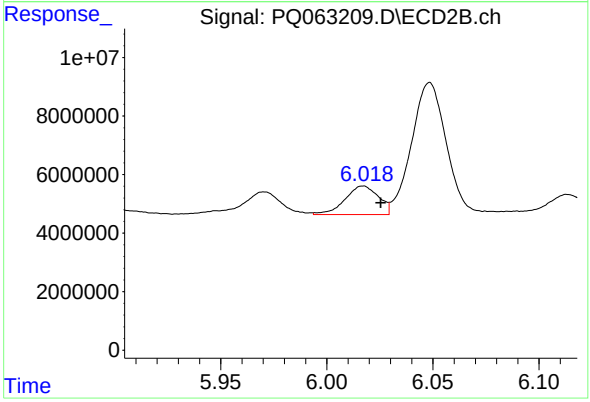
#33 AR-1260-3

R.T.: 5.548 min
Delta R.T.: -0.012 min
Response: 85477954
Conc: 275.85 ng/ml



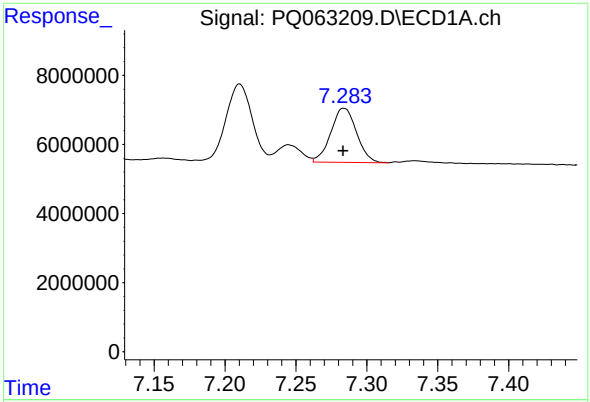
#34 AR-1260-4

R.T.: 6.949 min
Delta R.T.: -0.022 min
Response: 59562226
Conc: 248.53 ng/ml



#34 AR-1260-4

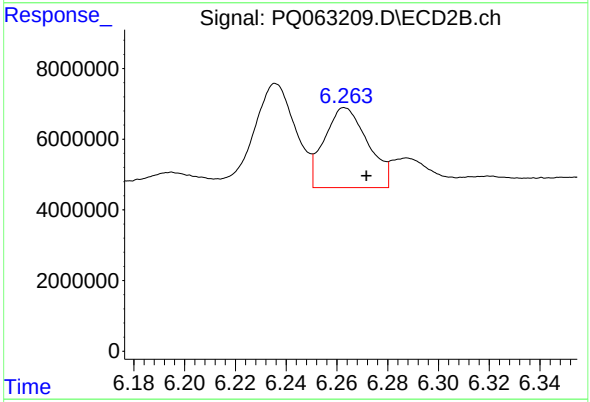
R.T.: 6.017 min
Delta R.T.: -0.008 min
Response: 10711143
Conc: 43.68 ng/ml



#35 AR-1260-5

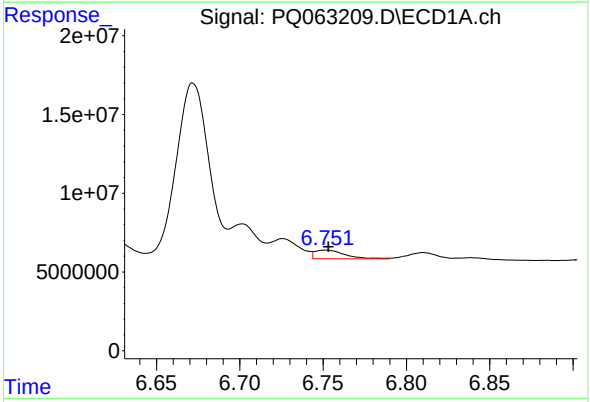
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 19841008
Conc: 42.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



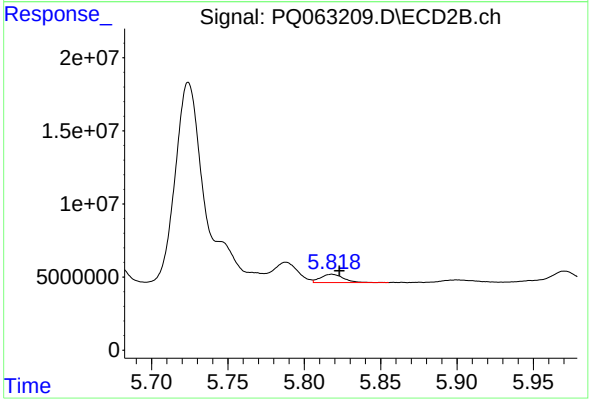
#35 AR-1260-5

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 26884030
Conc: 49.19 ng/ml



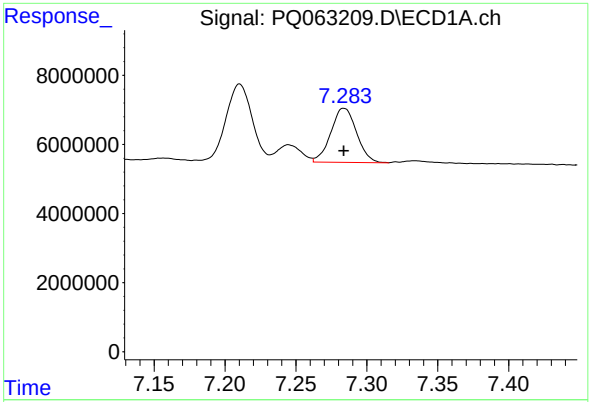
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 7014825
Conc: 21.72 ng/ml



#36 AR-1262-1

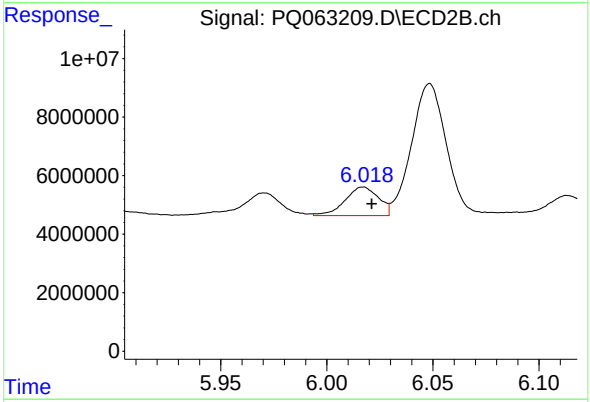
R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 5997991
Conc: 42.01 ng/ml



#37 AR-1262-2

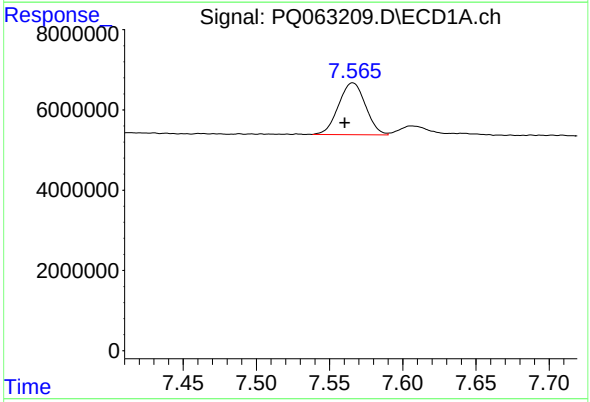
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 19841008
Conc: 36.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



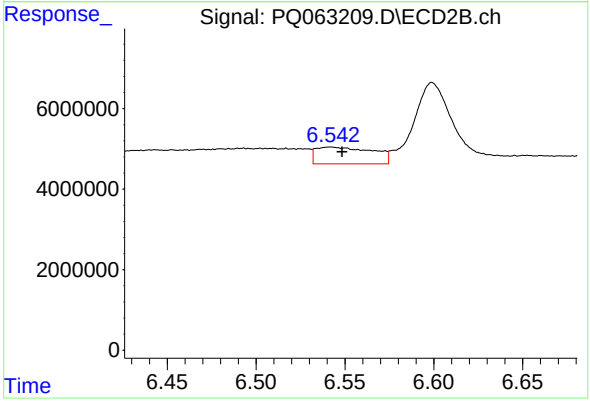
#37 AR-1262-2

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 10711143
Conc: 34.28 ng/ml



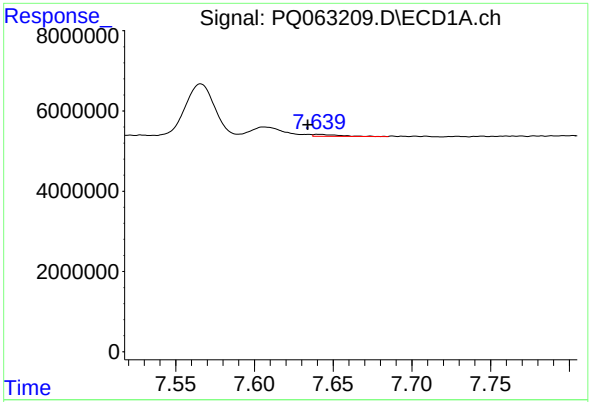
#38 AR-1262-3

R.T.: 7.566 min
Delta R.T.: 0.006 min
Response: 16569315
Conc: 45.87 ng/ml



#38 AR-1262-3

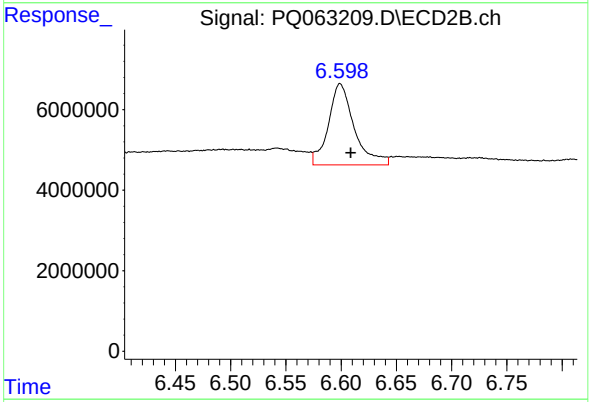
R.T.: 6.542 min
Delta R.T.: -0.007 min
Response: 9325435
Conc: 36.99 ng/ml



#39 AR-1262-4

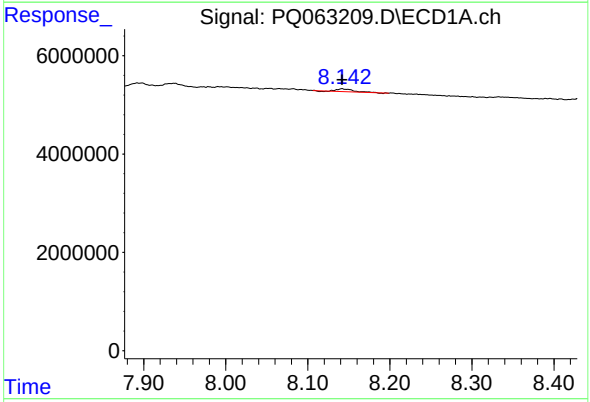
R.T.: 7.641 min
Delta R.T.: 0.007 min
Response: 564926
Conc: 2.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



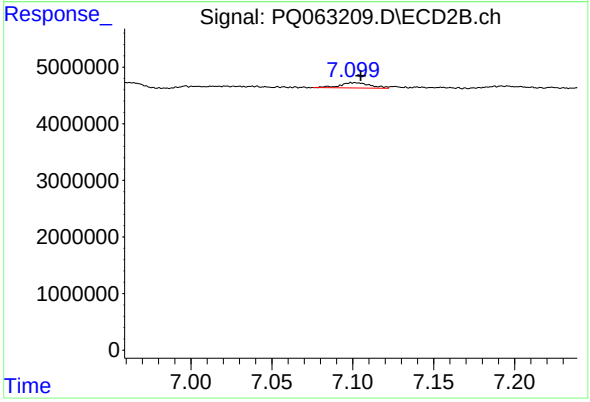
#39 AR-1262-4

R.T.: 6.599 min
Delta R.T.: -0.010 min
Response: 32900880
Conc: 70.37 ng/ml



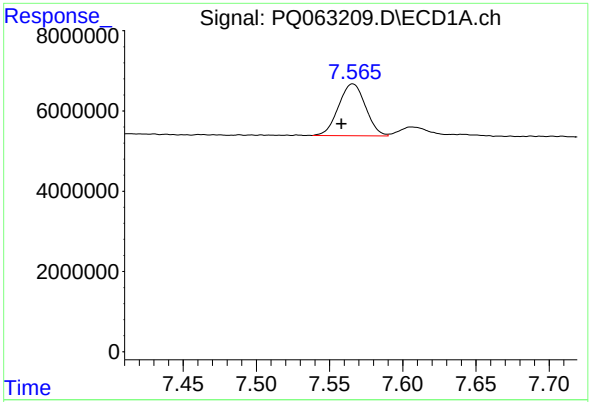
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 750357
Conc: 3.99 ng/ml



#40 AR-1262-5

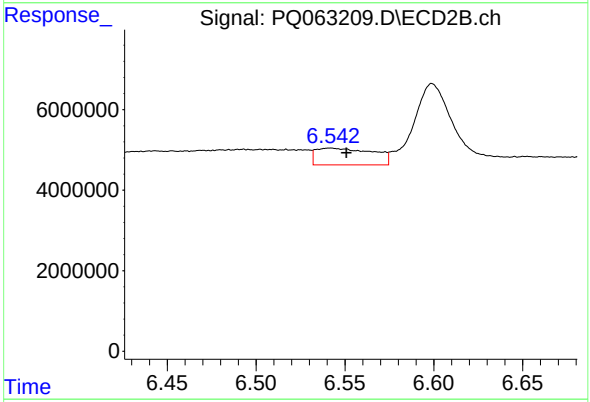
R.T.: 7.101 min
Delta R.T.: -0.004 min
Response: 1204109
Conc: 5.48 ng/ml



#41 AR-1268-1

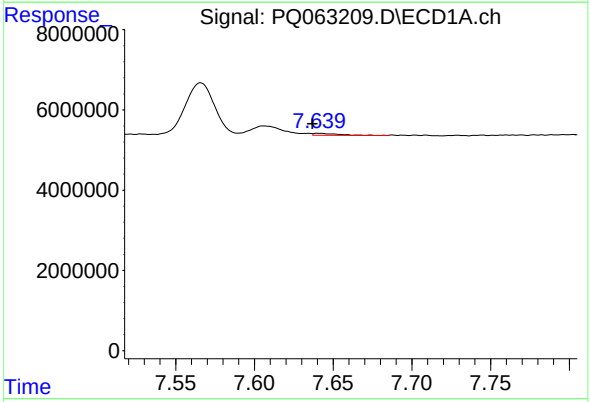
R.T.: 7.566 min
Delta R.T.: 0.008 min
Response: 16569315
Conc: 25.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



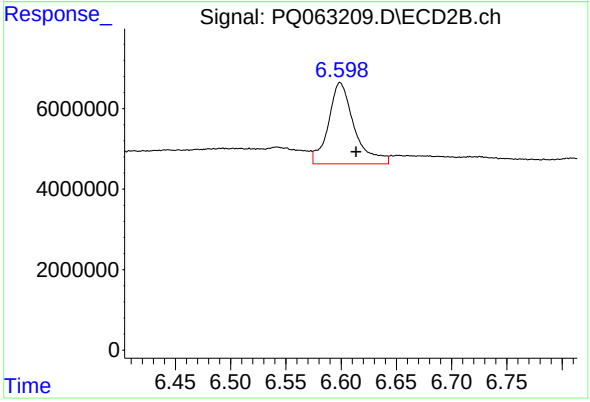
#41 AR-1268-1

R.T.: 6.542 min
Delta R.T.: -0.009 min
Response: 9325435
Conc: 12.50 ng/ml



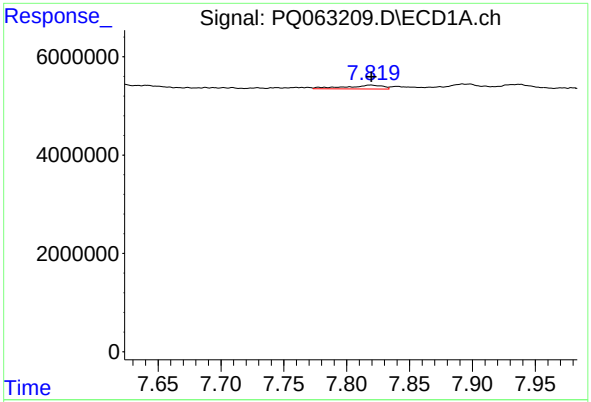
#42 AR-1268-2

R.T.: 7.641 min
Delta R.T.: 0.005 min
Response: 564926
Conc: 0.94 ng/ml



#42 AR-1268-2

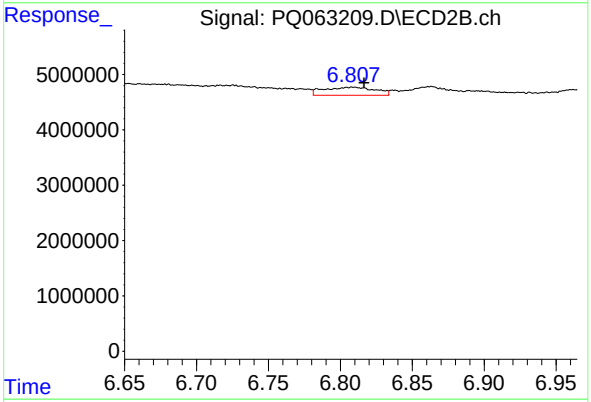
R.T.: 6.599 min
Delta R.T.: -0.015 min
Response: 32900880
Conc: 47.92 ng/ml



#43 AR-1268-3

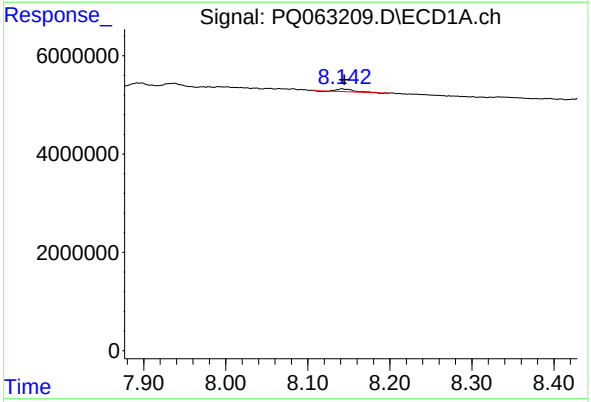
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 1587629
Conc: 3.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



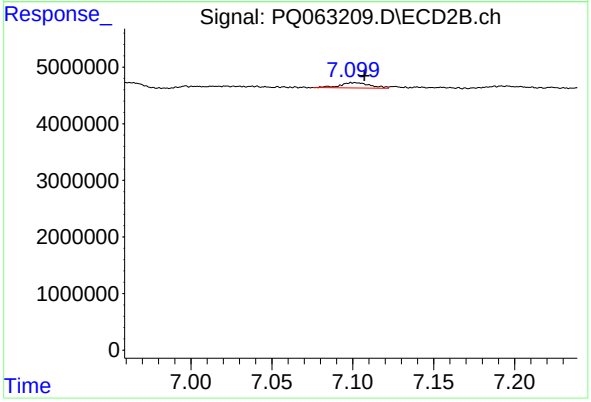
#43 AR-1268-3

R.T.: 6.809 min
Delta R.T.: -0.007 min
Response: 3635156
Conc: 6.19 ng/ml



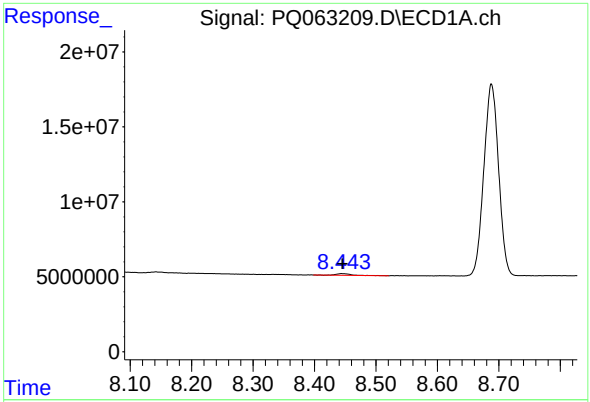
#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.003 min
Response: 750357
Conc: 3.50 ng/ml



#44 AR-1268-4

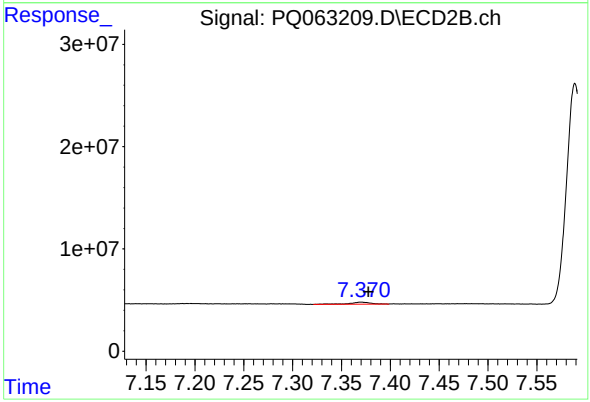
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 1204109
Conc: 4.73 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 1661720
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.370 min
Delta R.T.: -0.008 min
Response: 3046457
Conc: 1.72 ng/ml